

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

GANG YU ET. AL.

CASE NO.: UA0023 US DIV1

APPLICATION NO.: UNKNOWN

CONFIRMATION NO.: UNKNOWN

GROUP ART UNIT: UNKNOWN

EXAMINER: UNKNOWN

FILED: CONCURRENTLY HEREWITH

FOR: COLUMN-ROW ADDRESSABLE ELECTRIC MICROSWITCH ARRAYS AND  
SENSOR MATRICES EMPLOYING THEM

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 CFR 1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office information listed on the enclosed forms PTO/SB/08A, PTO/SB/08B, and PTO-892.

Benefit of the earlier filing dates of U.S. Patent Application No. 10/145,404, filed May 13, 2002 and U.S. Application No. 09/241,656, filed February 2, 1999 is claimed under 35 U.S.C. 120 for the above-referenced application and information cited in the priority applications is not supplied with this Information Disclosure Statement..

Should any fee be required in connection with the filing of this Information Disclosure Statement, please charge such fee to Deposit Account No. 04-1928 (E. I. du Pont de Nemours and Company).

Respectfully submitted,



**LOIS A. SANTOPIETRO**  
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Dated: July 25, 2003

Enclosures

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**Complete if Known**

Application Number	09/241,656
Filing Date	FEBRUARY 2, 1999
First Named Inventor	GANG YU ET AL.
Group Art Unit	2811
Examiner Name	S. CRANE
Attorney Docket Number	UA0023 US NA

*(use as many sheets as necessary)*

Sheet	1	of	2
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[illegible][illegible]

Date Considered

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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PTO/SB/08B (08-00)

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Substitute for form 1449A/PTO		<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number	09/241,656
		Filing Date	FEBRUARY 2, 1999
		First Named Inventor	GANG YU ET AL.
		Group Art Unit	2811
		Examiner Name	S. CRANE
		Attorney Docket Number	UA0023 US NA
Sheet	2	of	2

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		YORKSTON, J. ET AL., COMPARISON OF COMPUTER SIMULATIONS WITH MEASUREMENTS FROM a-Si:H IMAGING ARRAYS, MAT. RES. SOC. SYMP. PROC., VOL. 258, 1992, 1183-1168	
		STREET, R.A., AMORPHOUS SILICON ELECTRONICS, MRS BULLETIN, NOVEMBER 1992, 70-76	
		BRAUN, D. ET AL., VISIBLE LIGHT EMISSION FROM SEMICONDUCTING POLYMER DIODES, APPL. PHYS. LETT. 58(18), 6 MAY 1991, 1982-1984	
		YU, G. ET AL., DUAL-FUNCTION SEMICONDUCTING POLYMER DEVICES: LIGHT-EMITTING AND PHOTODETECTING DIODES, APPL. PHYS. LETT. 64(12), 12 MARCH 1994, 1540-1542	
		YU, G. ET AL., HIGH EFFICIENCY PHOTONIC DEVICES MADE WITH SEMICONDUCTING POLYMERS, SYNTHETIC MATERIALS, 85, 1997 1183-1186	
		PARKER, I.D., CARRIER TUNNELING AND DEVICE CHARACTERISTICS IN POLYMER LIGHT-EMITTING DIODES, J. APPL. PHYS. 75(3), 1 FEBRUARY 1994, 1656-1666	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

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**Notice of References Cited**Application No.  
09/241,656Applicant(s)  
Yu et al.Examiner  
Sara W. CraneGroup Art Unit  
2811

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**U.S. PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS
A	5,272,359	Dec/1993	Nagasubramanian et al.	247	40
B	3,519,999	July/1970	Gregor	317	258
C	4,665,428	May/1987	Hockley et al.	357	58
D	4,983,533	Jan/1991	Go	437	7
E	5,454,880	Oct/1995	Sariciftci et al.	136	263
F	5,327,327	July/1994	Frew et al.	361	784
G					
H					
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L					
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**FOREIGN PATENT DOCUMENTS**

	DOCUMENT NO.	DATE	COUNTRY	NAME	CLASS	SUBCLASS
N						
O						
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Q						
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**NON-PATENT DOCUMENTS**

	DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
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<b>Notice of References Cited</b>	Application/Control No. (	Applicant(s)/Patent Under Reexamination	
	10/145,404	YU ET AL.	
	Examiner	Art Unit	Page 1 of 1
	Scott R. Wilson	2826	

#### U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-5272359 A	12-1993	Nagasubramanian et al.	257/40
	B	US-4665428 A	05-1987	Hockley et al.	257/2
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

#### FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

#### NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
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\*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)  
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